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· C7 1	215A WI 222550-5023 - IIA	0372072002
	by SA	

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55 A

279A-WF-222936-302, -LAB

ontinuation of FD-302 of	, On <u>03/19/2002</u> , Page <u>2</u> b6
more virulent <i>B. anthracis</i> spore in contras agar plates.	t to spore produced on
	ხ6 ზ7 ზ7
believed that may use the density purification protocol.	IVINS
amount of highly pure spores is relatively	Production of a large difficult process. There
are several steps in the protocol where see changes may cause the protocol to fail. The harvesting the spores at an early stage in cultures from light, the amount of culture overloading of the density gradients. The which undergo sporulation also varies between anthracis.	mingly insignificant lese steps include growth, protecting the aeration and potential percent of the bacteria
anthracis germinate quicker than others, an not produce good preparations of spores. T suited for good spore production.	Some strains of B. Ind the rapid strains do The Ames strain is well
	ъ6 ъ7с
Production of gram amounts of pure <i>B. anthr</i> require a large amount of laboratory area o ten liters of liquid broth are required to	or time. For example,
spores.	b6 b7C

279A-WF-222936-302, -LAB

					1
		dividual to procorr schedule.		oe difficult unt of pure	J
contract. fermentati spores. I to IVINS. water and Renocal-76	B. anthracis USAMRIID recon processes PG produced to IVINS either irradices	97, IVINS asked Ames strain sponguired a large and the spores as a way resuspendent ated the spores lients. The results as a colony forming	es through a USA count of spores, arge amount of a et paste, and so d the spores in or purified the spended spores w	AMRIID and DPG used required ent the paste 1% phenol spores on were at a	
Several ot	her individua	als at USAMRIID a	lso use These individua] Is include	

-1-

FEDERAL BUREAU OF INVESTIGATION

NFORMATION CONTAINED N IS UNCLASSIFIED 01-05-2009 BY 65179 dmh /baw	Date of transcription $04/26/2002$	_
United States Army Medical Research Institute Diseases (USAMRIID), Porter Street, Maryland, 21702 was advised of the identity (SA) and the nature of the interview. Following information:	Fort Detrick, Frederick,	
Bureau of Investigation (FBI) in any way. that the strain of Bacillus anthracis (Ba		b
The strain of Ba cultured from		
		([
informed writer that	at was going to	L
microbiological contamination surveys in	RUCE IVINS, conducted "cold" areas hat DR. IVINS did not ocedures (SOPs) while	b6
Investigation on 04/22/2002 at Fort Detrick, Frede		
	Date dictated N/A	b6 b70
This document contains neither recommendations nor conclusions of the FBI. It is the property it and its contents are not to be distributed outside your agency.		b7E

279A-WF-222936-LAB; 279A-WF-222936-302

uation of FD-302 of			, _{On} 04/19/2002	, Page2	
IVINS not bring the pro-active detected free	reas of USAMRIID. Ticed another individent problem to light. ely covering up a Baby the current microplied that didn't iminal behavior rela	dual not followin Writer asked if a contamination to biological conta believe DR. IVI	g SOPs and want DR. IVINS could rail which may mination survey NS could be inv	ted to l be be	b6 b70
	and wri	ter discussed po	lygraphing and		
					b6 b70
	informe l samples were taker ous areas of USAMRII		d of 20-21 Apri		Ъб Ъ7:
with a Fe	Writer at the end o deral Grand Jury Suk Columbia			strict	
front of	as stated in the subsection in the subsection is a subsection of the subsection is a subsection in the subsection in the subsection is a subsection in the subsection in the subsection is a subsection in the subsection in the subsection is a subsection in the subsect		original docume	ena in	b3 b6 b7C

-1-

FEDERAL BUREAU OF INVESTIGATION

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

Date of transcription 06/25/2002	2
orter Street, Fort Detrick, was advised or and the nature of the	b6 b7
motive relating to the	.b6 b7
ns by the Food & Drug s approval for a new anthra	
	Ъ6 Ъ7С
	Ъ 6 Ъ7С
ederick, Maryland Date dictated N/A	 b6 b7C
	cal Research Institute of orter Street, Fort Detrick, was advised of and the nature of the ollowing information upon agent that had a motive relating to the tood to gain greatly from the cited on a number of ns by the Food & Drug s approval for a new anthration granted to short

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279A-WF-222936-LAB; 279A-WF-222936-302

Continuation of FD-302 of	, On, Page	2 b6
		b6 b70
as that	Conversely, is firmly convinced that individuals have the appropriate skills to make an anthrax powder such used in the fall attacks.	h h
		b6 b7
anthrac USAMRII project	also knows for a fact that had a Bacillus cis "Ames" strain because and BRUCE IVINS Ph.D., a fello ci pemployee, provided with the strain as part of a	b6 b7c
		b6 b7C
needed . USAMRII	Other individuals thought to hold some of the skills in perpetrating a crime of this nature are possessed by ex-] b6 b7C

file: 00402. upd

FEDERAL BUREAU OF INVESTIGATION

Preceder	nce: ROUT	TINE Date: 01/04/2005	
To: Was	shington F	Field Attn: Evidence Control Center	
From: \	Washington Amerith Contact	nrax 2	1.0
Approved	d By:		b6 b7
Drafted	By:		
Case ID		F-222936-LAB (Pending) - 1099 F-222936-EVIDENCE (Pending)-111)
Title:	AMERITHRA Major Cas		
Synopsis listed l		quest permanent charge out of items of evidence	
items we	ere collec	nt to captioned investigation the following cted for analysis as evidence related to the n the Fall of 2001.	
<u>1B#</u>	Barcode#	<u>Description</u>	
1B1536	E0357455	RESIDENCE OF THE RESIDE	
1B1695	E03593160	FBI LABORATORY CHEMISTRY UNIT ONE (1) 50 MICROLITER ALIQUOT PART AS TAKEN FROM ITEM FURTHER DESCRIBED AS BACILLUS ANTHRACIS AMES SPORES (GAMMA IRRADICATED, NON-VIABLE) b6	
1B1741	E03593356		
1B3345	E03801690	ZIPLOCK BAG CONTAINING 2 CONTROL ITEMS ZIPLOCK BAG CONTAINING 4 SAMPLES AND SAMPLE LOG (SAMPLING PRIOR TO OVERSEAS MISSION)	
1B1871	E03595426	DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID TUBE LABELED ""BRITISH" AMES 1/100 DILUTION IN 0.1% PHEROL GEL PHOS 9/28/87" APPROXIMATELY 1ML	
		ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED	

DATE 01-05-2009 BY 65179 dmh /baw

b6 b7C To: Washington Field From: Washington Field

Re: 279A-WF-222936,01/04/2005

- 1B1872 E03595425 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID
 TUBE LABELED "OCT 97 GLP AMES SPORES RMR 1029
 "LEFT 200ML 11/19 (CROSSED OUT)" 160ML 4/21"
 CONTAINING APPROXIMATELY 1ML
- 1B1873 E03595424 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID
 TUBE LABELED "AMES STOCK 2/10(8) NO PHENOL 15 JULY
 99 ACTUAL 1.2 X 10(9)" APPROXIMATELY 1ML
- 1B1876 E03595412 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID
 TWO (2) TUBES LABELED AMES 22 JUN 86 1/100
 9/21/87 IN PHENOL GEL PHOS" APPROXIMATELY 1ML
- 1B1879 E03595413 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID
 TUBE LABELED -11 APPROXIMATELY 1ML
- 1B1881 E03595414 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID
 TUBE LABELED "AMES SPORES 2.2 X 10(10)/ML"
 APPROXIMATELY 1ML

b6 b7С

- 1B1882 E03595415 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID TUBE LABELED "AMES ?" APPROXIMATELY 1ML
- 1B1885 E03595416 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID TUBE LABELED "AMES RENO NOT HEATED (2) 1% PHENOL 12/8/98" APPROXIMATELY 1ML
- 1B1885 E03595417 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID
 TUBE LABELED "AMES 1/30/0("1" CROSSED OUT "2"
 ADDED) APPROXIMATELY 1ML
- 1B1886 E03595418 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID
 TUBE LABELED "UNDILULATED PURIFIED SPORES 10/26/98
 UNHEATED 10/26/98 PREP & PHENOL ADDED 1X VOLUME
 WFI & 1% PHENOL 11/18/98 DILUTED 1/2" CONTAINING
 APPROXIMATELY 1ML
- 1B1887 E03595419 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID

 TUBE LABELED "AMES SPORES 7/25/97 2.36 X 10

 (9)/ML" APPROXIMATELY 1ML
- 1B1888 E03595420 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID
 TUBE LABELED "#462 SPORES 8/13/01" APPROXIMATELY
 1ML
- 1B1889 E03595421 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID
 TUBE LABELED "AMES SPORES RENOGRAFIN PURIFIED
 3/28/01 7739C" APPROXIMATELY 1ML

To: Washington Field From: Washington Field

Re: 279A-WF-222936,01/04/2005

1B1890 E03595422 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID

TUBE LABELED "462 SPORES FROM AGAR 8/13/01"

APPROXIMATELY 1ML

1B1891 E03595423 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID

TUBE LABELED "PURIFIED AMES SPORES 12/8/99"

APPROXIMATELY 1ML

1B1892 E03595410 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID

TUBE LABELED "AMES SPORES 2433 CDC 7738"

APPROXIMATELY 1ML

These items have been destroyed or necessarily consumed during the course of analysis and will not be returned to WFO. WFO requests that these items be permanently charged out from the Evidence Control inventory.

3

FEDERAL BUREAU OF INVESTIGATION

Precedence: ROUTINE Date: 02/08/2006	
To: Counterterrorism Attn: WMDOU Inspection Attn: IIC CBSU CBSU CBSU CBSU CBSU	
From: Washington Field AMX-2/ NVRA Contact:	b6 b7
Approved By:	
Drafted By:	
Case ID #: 279A-WF-222936-LAB (Pending) - 1358 Title: AMERITHRAX	b6 b7C
MAJOR CASE # 184	
Synopsis: To document	
	b3
on February 1, 2006.	
Details: The AMERITHRAX Task Force (AMXTF) of the Federal Bureau of Investigation (FBI) is investigating the mailing of letters containing anthrax which were sent to the New York Post, Tom Brokaw and United States Senators Tom Daschle and Patrick Leahy in the fall of 2001.	
Pursuant to this investigation the FBI has established a repository (FBIR) which contains isolates of the Ames strain of Ba from the United States and other countries around the world.	
Following the mailings, the FBI	
served with Federal Grand Jury subpoenas to provide the FBI with	.b3
Provide due l'al wient	

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01-05-2009 BY 65179 dmh /baw

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b7C

60391. WPD

To: Counterterrorism Attn: WMDOU Inspection Attn: IIC Laboratory From: Washington Field	b6 b7
Re: 279A-WF-222936-LAB, 02/08/2006	
	р
On February 1, 2006, SA FBI, Washington Field Office, met with and identified	b3 b6
	1b7
	.b3
	b3 b6 b7

To: Counterterrorism Attn: WMDOU Inspection Attn: IIC Laboratory From: Washington Field Re: 279A-WF-222936-LAB, 02/08/2006

b6

b7C

b3

3

To: Counterterrorism Attn: IIC Field Field	Attn: WMD Laboratory		Inspection Washington
Re: 279A-WF-222936-LAB, 02/	08/2006		
LEAD(s):			
Set Lead 1: (Action)			
LABORATORY			
AT CHEMICAL BIOLOG	ICAL SCIENCES	UNT	
The AMXTF requests Unit (CBSU)	the Chemical	Biologic	cal Sciences
at the United States Army Me Infectious Diseases. The AM and the subsequent			

b6 b7C

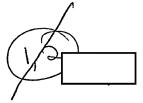
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FD-302 (Rev. 10-6-95)

- 1 -

FEDERAL BUREAU OF INVESTIGATION



Date of transcription 06/27/2005 On March 2, 2005, and March 3, 2005, had telephonic communication with fax SA contacted on March 2, 2005, **b**3 to coordinate the **b**6 b7C On March 3, 2005, re-contacted to discuss details During the telephone conversations provided the following information: The responsible official at is b6 b7C fax received the Ba Ames strain in 2001 from the <u>esearch Institute of Infectious Diseases</u> U.S. Army Medical (USAMRIID) The Ba was placed in storage until after the 2001 anthrax attacks, b3 b6 b7C BRUCE IVINS, USAMRIID, was the scientist responsible for the shipment from USAMRIID b3 b6 b7C 3/2-3/3/05 Falls Church, VA Investigation on File # 279A-WF-222936-Lab -Date dictated N/A b6 ALL INFORMATION CONTAINED SA b7C HEREIN IS UNCLASSIFIED 05 .713.wpd DATE 01-05-2009 BY 65179 dmh /baw This document contains neither recommendations nor conclusions of the FBI. It is the property of the FBI and is loaned to your agency; it and its contents are not to be distributed outside your agency.

47 FD-302a (Rev. 10-6-95) b6 279A-WF-222936-Lab b7C 06/27/05, Page ___ Continuation of FD-302 of , On **b**3 b6 b7C and placed the samples into storage at until until further instruction.)

(Rev. 01-31-2003)

FEDERAL BUREAU OF INVESTIGATION

Precedence:	ROUTINE	Da	ate:	05/12/2005	
To: Washingt	on Field	Attn: AMX-2			
AMX	ngton Field K-2 ntact: SSA	<u> </u>			
Approved By:			,		b6 b7С
Drafted By:]			~
Case ID #: 27	79A-WF-222 93 6 SUB I	AB (Pending)	-128	27	
Title: AMERI MC 18 OO:WF	•			\searrow	b6 b7c
several isola Ft. Detrick, develop genet the Ames Baci	dentification of a ates of <i>Bacillus ar</i> MD. Historical do tic screening metho <i>illus anthracis</i> (ar a DNA plasmid of	nthracis Ames stocumentation for a generation for a generation to the state of the	train r the etic s d in t	at USAMRIID, basis to ignature in	1, b7
experimental Bacillus anth United States	May 30, 2002, writuse of several isometrics (BA) with Army Medical Instantics, Freder	lates of the Ar	mes st	rain of	bб b7С
in	originally received laboratory fro ved the Ames BA fr	the BA Ames st		that is used	b6 b7C
strain and co	research involved pnducting experimen		with	the Ames	
experiments w	vere begun about or	e and one half	vears	ago and wer	e b6 b7C
•					
designated pr	peing used in the g 803, and pE03 had t commonly used plasm	the same basic r	exper vector	iments was DNA genome agreed	as ` b6 b7C
	און דאוניתר	MATTON CONTAINED			

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01-05-2009 BY 65179 dmh /baw



Washington Field From: Washington Field To:

279A-WF-222396 SUB LAB, 05/12/2005

that if the BA used in the mailings of Fall 2001 contained all or part of the pE03 plasmid, an assay based on polymerase chain reaction (PCR) could be developed to screen the mailings' BA spore evidence.

b7D The pE03 plasmid was obtained from and the plasmid provided its host bacteria with resistance to the antibiotic erythromycin. Thus, following integration of pE03 into the host bacteria, in this case the Ames strain of anthracis, the host bacteria are cultured in the presence of erythromycin. Ames that has successfully integrated pE03 will be resistant to the antibiotic; Ames that has not integrated pE03 into its genome will not grow in the presence of the erythromycin. pE03 also contains an ampicillin resistance gene, an E. coli origin of replication, a Bacillus sp. origin of replication and several cloning sites.

Many of the Ames strain mutants, termed "knock out" mutants, were made by	
	b6 b70 b70
	b6 b7C
another researcher in laboratory, also used the pE03 plasmid to make mutants of the Ames strain of anthracis.	b6 b7С
During early June, 2002, writer received a computer printout of the pE03 DNA sequence from The printout was labeled, "Friday, May 31, 2002 10:39 AM" and "pE03.seq". The DNA sequence consisted of 5300 nucleotide bases. The sequence of	b6 b7c

b6 b7C b7D

pE03 was provided to

U.S. Department of Justice



Federal Bureau of Investigation

In Reply, Please Refer to
File No. 279A-WF-222936-LAB -1438
279A-WF-222936-SCI34

Washington Field Office Northern Virginia Resident Agency 7799 Leesburg Pike Falls Church, Virginia

b6

August 17, 2006

Attention: Robert J. Muehlberger

Laboratory Director

U.S. Postal Inspection Service (USPIS)

National Forensic Laboratory

Dulles, Virginia

RE: To request USPIS National Forensic Laboratory conduct handwriting examination of photographs of biological sample tube labels obtained from the United States Army Medical Research Institute of Infectious Diseases (USAMRIID).

Dear Mr. Muehlberger:

Per your recent conversation with SA	
one (1) cd-rom and 14 prints of the digital images	
(1A 7012-copies only) are being submitted for handwriting	
comparison and analysis.	

In February, 2002 and in April, 2002, two (2) biological samples of Bacillus anthracis were submitted for genetic analysis as part of the ongoing AMERITHRAX investigation, one was submitted to an outside laboratory and the other to the FBI Repository. Upon submission, labels from the tubes were removed by laboratory personnel and placed into a laboratory notebook for record, held inside a Biological Safety Level 3 suite. Due to the significance of the samples from the tubes, it is imperative to the investigation to determine if the same individual wrote the labels and submitted the samples.

Digital photographs of the biological tube labels from the notebook were taken (in order to present the handwriting for forensic analysis) and are being submitted to the USPIS National Forensic Laboratory for handwriting examination. Of specific interest, is a comparison of three (3) labels: one (1) with the writing "Ames Strain RMR 1029

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01-05-2009 BY 65179 dmh /baw from Dugway (1997) Bruce Ivins 2/27/02" and two (2) with the writing "Dugway Ames Spores - 1997".

No known handwriting exemplars are being submitted at this time. It is requested that the three (3) labels be intercompared and assessed to determine whether or not the same individual prepared the three (3) labels.

For clarification of this request or any additional information, please contact SA

Thank you in advance for your time and assistance in this matter.

Sincerely,

Inspector In Charge

Supervisory Special Agent

b7C

b6 b7C

2

FEDERAL BUREAU OF INVESTIGATION

Precedence: ROUTINE

10/13/2006 Date:

To: Washington Field

Attn: AMERITHRAX

Washington Field From:

AMX-2/NVRA

Contact: SA

Approved By:

Drafted By:

(Pending) - 1 Case ID #: 279A-WF-222936-LAB (Pending)~(o 279A-WF-222936-SCI24

Title: AMERITHRAX;

MAJOR CASE 184;

OO:WF

Synopsis: To submit to the file laboratory report provided by the United States Postal Inspection Service (USPIS) Forensic Laboratory.

Reference: 279A-WF-222936-LAB Serial 1438 279A-WF-222936-SCI24 Serial 5

Enclosure(s): One (1) original two (2) page USPIS Forensic Laboratory Report, Case No. 0884-1348038-DMI(1) - Lab No. 9-119-00594(6), dated 09/28/2006.

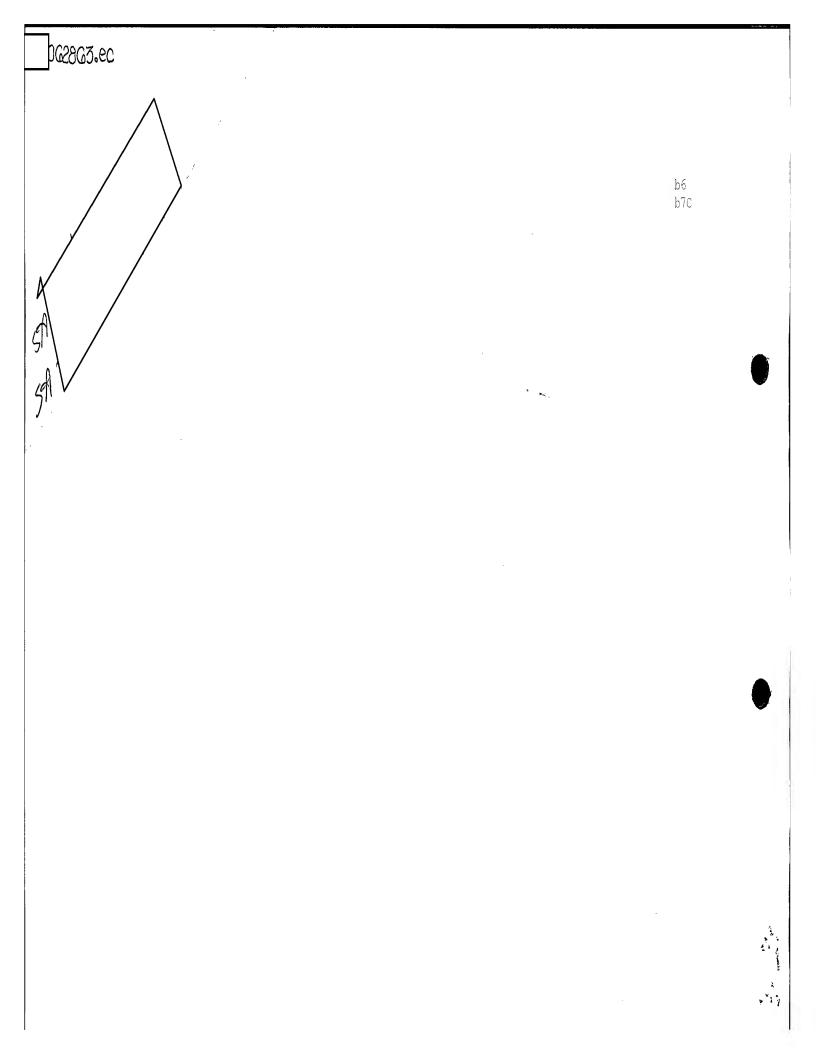
In August 2006, the FBI requested the United States Postal Inspection Service (USPIS) Forensic Laboratory conduct handwriting examinations of photographs of biological sample tube labels from a notebook from inside a Biological Safety 3 suite at the United States Army Medical Research Institute of Infectious Diseases (USAMRIID). Of specific interest for analysis was a comparison of three (3) labels: one (1) with the writing "Ames Strain RMR 1029 from Dugway (1997) Bruce Ivins 2/27/02" and two (2) with the writing "Dugway Ames Spores - 1997" to determine if the same writer prepared all three (3) of the labels.

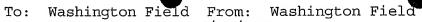
USPIS was provided one (1) cd-rom and 14 prints of digital images of the labels. The cd-rom and prints analyzed by USPIS were returned via U.S. Postal Service Registered Mail, tracking number RB 595 638 165 US, and have been placed in the case file, 1A 7059 for reference along with a copy of the issued report. In addition, the original laboratory report prepared by

b6 b7C



b7C





Re: 279A-WF-222936, 10/13/2006

Robert J. Muehlberger, Laboratory Director, Forensic Document Examiner has been enclosed with this EC.

In the report, the USPIS Laboratory concluded that the same writer produced the hand printed labels described above.

**



FORENSIC LABORATORY EXAMINATION REPORT

United States Postal Inspection Service Forensic Laboratory Services 22433 Randolph Drive Dulles VA, 20104-1000

September 28, 2006

Case No. 0884-1348038-DMI(1) - Lab No. 9-119-00594(6) Handwriting Examination Reguest Dated August 17, 2006

Postal Inspector P.O. Box 3200 Merrifield, VA 22116-3200

EXAMINATIONS

REQUESTED:

Determine whether the hand printed entries depicted in the digital images of labels affixed to SPSTL Sample Set Inventory Form, specifically one that reads "Ames strain RMR 1029 from Dugway Bruce Ivans (1997) 2/27/02", and two that read "Dugway Ames spores – 1997" were written by a common writer.

FINDINGS:

The same writer produced the hand printed entries as described above. In order to identify the writer, known exemplars that repeat the letters and letter combinations found in the questioned writings should be submitted for comparison.

REMARKS:

This examination was conducted at the request of Special Agent under File No. 279A-WF-222936-

LAB and 279A-WF-222936-SCI34.

ALL FBI INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01-05-2009 BY 65179 dmh /baw

TELE	PHONE	
FAX		

b6 b7C

b6

b7C

Lab No. 9-119-00594(6)

EXHIBITS:

The exhibits, consisting of a CD and 14 prints of the digital images appearing on the CD, were personally received from SA on August 18, 2006. These exhibits are returned by Registered Mail with a copy of this report.

b6 b7C

Robert J. Mylehlberger

Laboratory Director

Forensic Document Examiner

<u>-1-</u>

b6 b7C

b6 b7C

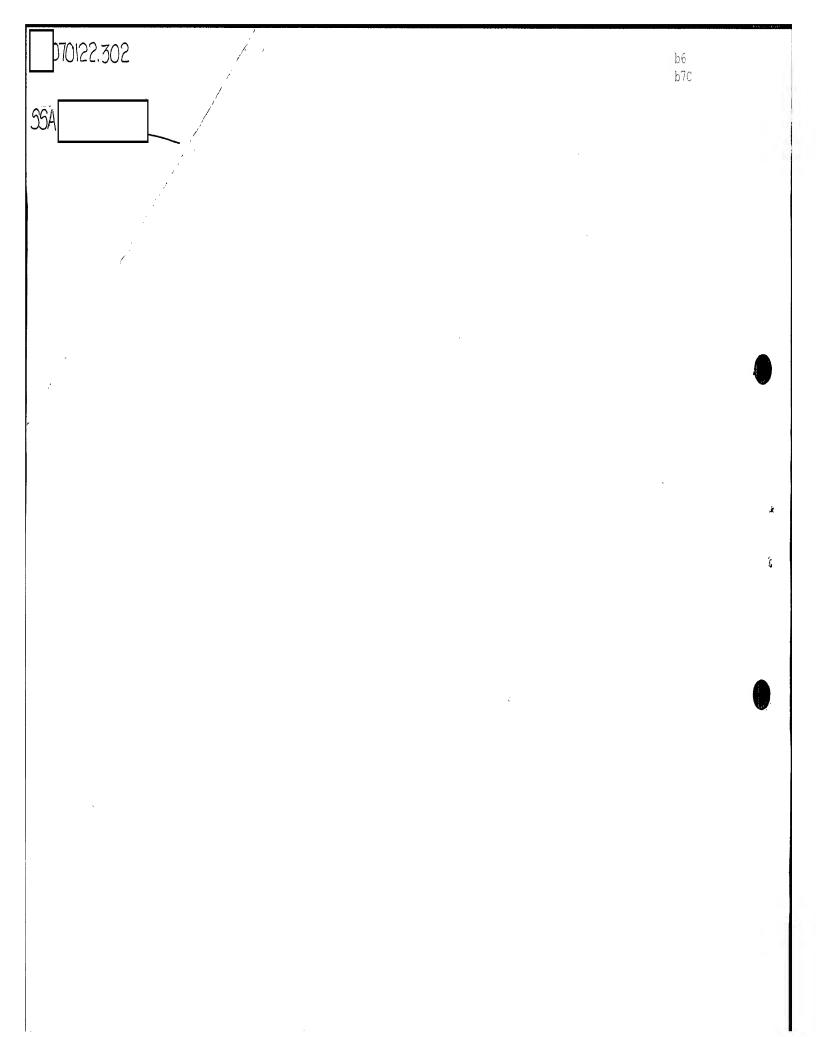
b6 b7C

b6 b7C

FEDERAL BUREAU OF INVESTIGATION

Date of transcription $01/12/2007$			
On 01/11/2007, SA transported several items from the FBI Northern Virginia Resident Agency (NVRA) to the U.S. Postal Inspection Service National Forensic Laboratory, Dulles, VA, for handwriting analysis.			
SA released the items to Robert J. Muehlberger, Director of the USPIS Laboratory. The items are further described as:			
- Forty nine (49) photocopied pages of known handwriting of Bruce Ivins			
 1A-7059: Copies of 1A-7012 (cd-rom and fourteen (14) photograph print-outs) of FBI Repository Sample entries at USAMRIID, Bldg 1412 submitted to the U.S. Postal Inspection Service Forensic Laboratory Robert Muehlberger for handwriting comparison 			
- One (1) cd-rom containing five (5) images of two (2) USPS parcels - one (1) of the parcels is addressed to and the other to			
- Five (5) prints of digital images from cd-rom			
The items were submitted for examination under cover of letter of request 279A-WF-222936-SCI24 Serial 8. Muehlberger signed an FD-597 (Receipt for Property) acknowledging acceptance of the evidence and was provided a copy by SA The original FD-597 has been submitted to the 1A section of the case file - 1A 7157.			
ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01-05-2009 BY 65179 dmh /baw			
Investigation on 01/11/2007 at Dulles, VA			
File # 279A-WF-222936-LAB; 279A-WF-222936-SCI24 9 Pate dictated			
by SA			

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FEDERAL BUREAU OF INVESTIGATION

Preceder	nce:	ROUTINE			Date:	03/19/2007
To: Was	shingt	on Field		Attn:	AMERITHRA	X
From: V		gton Fiel -2/NVRA	d		· 	
	Con	tact: SA				
Approved	d By:				4	
Drafted	By:					•
Case ID		9A-WF-222 9A-WF-222	936-LAB 936-SCI24	(Pendin	g) -1498 ng)-11	
Title:		THRAX; CASE 184	•			

Synopsis: To submit to the file laboratory report provided by the United States Postal Inspection Service (USPIS) Forensic Laboratory.

Reference: 279A-WF-222936-LAB Serial 1476 279A-WF-222936-LAB Serial 1490

00:WF

Enclosure(s): One (1) original two (2) page USPIS Forensic Laboratory Report, Case No. 1197-1618347-LAB(2) - Lab File No. 9-957-002016(1), dated 03/08/2007.

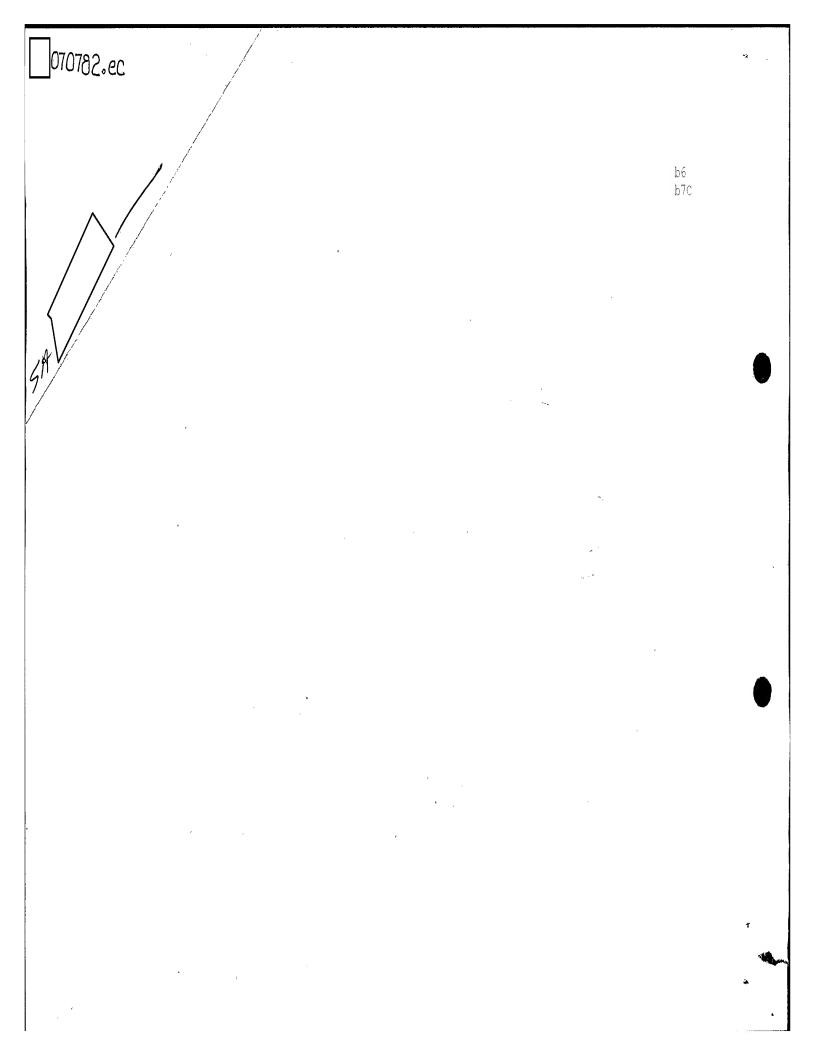
Details: In January 2007, the FBI requested the United States Postal Inspection Service (USPIS) Forensic Laboratory conduct handwriting comparisons of Bruce Ivins' known handwriting exemplars to photographs of three (3) biological sample tube labels from a notebook inside a Biological Safety 3 suite at the United States Army Medical Research Institute of Infectious Diseases (USAMRIID): one (1) with the writing "Ames Strain RMR 1029 from Dugway (1997) Bruce Ivins 2/27/02" and the other two (2) with the writing "Dugway Ames Spores - 1997". It was also requested that the known handwriting exemplars be compared to photographs of two (2) United States Postal Service parcels, one (1) addressed to and the second addressed to and to the original anthrax attack letters/envelopes.

USPIS was provided forty nine (49) photocopied pages of known handwriting of Bruce Ivins; 1A-7059 - Copies of 1A-7012 (cd-rom and fourteen (14) photograph print-outs) of FBI

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01-05-2009 BY 65179 dmh /baw

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.To: Washington Field From: Washington Field

Re: 279A-WF-222936-LAB, 03/19/2007

Repository Sample entries at USAMRIID, Bldg 1412; and one (1) cdrom and five (5) prints of two (2) USPS parcels. Upon completion of the examination by USPIS, the aforementioned items were returned via U.S. Postal Service Registered Mail, tracking number RB 595 640 654 US, and have been placed in the case file, 1A-7059 and 1A-7204. In addition, the original laboratory report prepared by Robert J. Muehlberger, Laboratory Director, Forensic Document Examiner, has ben enclosed with this EC.



Forensic Laboratory Examination Report

United States Postal Inspection Service Forensic Laboratory Services 22433 Randolph Dr Dulles, VA 20104-1000

March 08, 2007

Case No. 1197-1618347-LAB(2) - Lab File No. 9-957-002016 (1)⁻
Type of Examination: Questioned Documents

Request Date(s) 01/11/2007

SA FBI Washington Field Office 7799 Leesburg Pike Falls Church, VA 22043

ALL FBI INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01-05-2009 BY 65179 dmh /baw

PROBLEM:

Determine whether or not the questioned entries appearing in the printed digital images (also contained on CD) of three labels; one depicting the writing "Ames strain RMR 1029 from Dugway Bruce Ivins (1997) 2/27/02" and two depicting the writing "Dugway Ames spores - 1997" were written by Bruce E. Ivins, whose known writings are depicted in the photocopies of various course of business documents.

Determine whethe	r or not the questioned entries app <u>earing in the printed dig</u>	ital images
(also contained on	CD) of two parcels; one addressed	and the
second addressed	were written by Bruce E.	Ivins, whose
known writings ar	e depicted in the photocopies of various course of busines:	s documents.

Determine whether or not the questioned entries appearing on the "anthrax" envelopes and letters (photographic copies retained in the laboratory) were written by Bruce E. Ivins, whose known writings are depicted in the photocopies of various course of business documents.

FINDINGS:

Bruce E. Ivins probably wrote the original of the questioned entries appearing in the printed digital images of the three labels described above.

Bruce E. Ivins probably wrote the original of the questioned address entries appearing in the printed digital images of the two parcels.

Bruce E. Ivins probably did not write the writings appearing on the "anthrax" envelopes and letters.

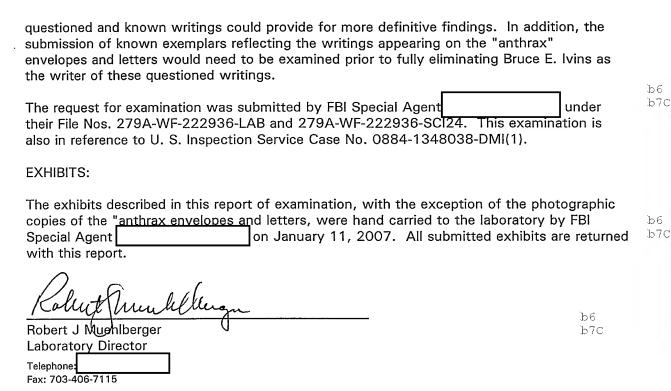
REMARKS:

The qualified findings expressed above are due to the lack of original documents from which the examination and comparisons were conducted. The submission of the original

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Page 2



This is an official FLS examination report only if it contains an original signature of the forensic analyst.

FEDERAL BUREAU OF INVESTIGATION

To: Washington Field Attn: Evidence Control Center

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From: Washington Field

Amerithrax-2
Contact: SA

Approved By: |)
Drafted By:

Case ID #: 279A-WF-222936-LAB (Pending) - 155 3 279A-WF-222936-EVIDENCE (Pending)- 240

Title: AMERITHRAX
Major Case 184

Synopsis: To request permanent charge out of items of evidence listed below.

Details: Pursuant to captioned investigation the following items were collected for analysis as evidence related to the anthrax attacks in the Fall of 2001.

1B# Barcode# Description

1B1360 E02152610 _____

USAMRIID"
"ONE GLASS VACCINE VIAL LABELED "ORG.

"ONE GLASS VACCINE VIAL LABELED "ORG:

ANTHRACIS" STRAIN AMES CONC: 3.26 X 10 8

CFY/ML LOT #30 JUL 97 BASP GAMMA IRRADIATED"

1B1408 E02152750 "DR. BRUCE E. IVINS (USAMRID) SCIENTIST /

BACTERIOLOGY DIVISION"
"ONE CARDROARD SHIPPING CONTAINER FROM

"ONE CARDBOARD SHIPPING CONTAINER FROM AND 1 AGAR SLANT WITH

BACILLUS ANTHRACIS AMES"

The two (2) items listed above contain *Bacillus* anthracis Ames organisms, and will not be returned to WFO. WFO requests that these items be permanently charged out from the Evidence Control inventory.

08601.wpd b6

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

DATE 01-05-2009 BY 65179 dmh /baw

To: Washington Field From: Washington Field

Re: 279A-WF-222936,03/25/2008

1B#	Barcode#	<u>Description</u>
1B4365	E02182565	BUILDING "THREE (3) TUBES 1) FALCON TUBE WITH UNKNOWN SUBSTANCE 2) FALCON TUBE WITH UNKNOWN SUBSTANCE, CLUMPS, YELLOWISH IN COLOR 3) FALCON TUBE CONTAINING FIVE (5) SMALLER TUBES OF UNKNOWN SUBSTANCES"
1B4360	E02182560	USAMRIID, BUILDING USAMRIID, "SIXTY-NINE (69) MICROBIAL SAMPLES (FOR REFERENCE, SEE ATTAHED SPREADSHEET)"

At 10:00am on 11/02/2007, the two (2) items listed above were released to the custody and control of the National Bioforensic Analysis Center (NBFAC) under contract by the FBI Laboratory Division, Chemical Biological Sciences Unit. It is requested that these items also be removed from the Evidence Control inventory.

<u>1B#</u>	Barcode#	Description
1B4173	E03828308	"ONE (1) BIOREACTOR VESSEL"

The above listed item is also under the custody and control of the NBFAC and is requested for removal from the Evidence Control inventory.

b6 Ъ7С To: Washington Field From: Washington Field

Re: 279A-WF-222936,03/25/2008

Set Lead 1: (Action)

WASHINGTON FIELD

AT EVIDENCE CONTROL CENTER

Request the five (5) items listed in the body of the message above, be removed from the Evidence Control inventory.

**



2501 Investigation Parkway Quantico, Virginia 22135

b6 b7С

REPORT OF EXAMINATION

SA	shington Field Office IX-2/NVRA	Date: April 7, 2008	
		Case ID No.: 279A-WF-222936-LAB-1554	
		Lab No.: 060816013	
Reference:	Communication dated August 14, 2006		
Your No.:			
Title:	AMERITHRAX; MAJOR CASE 184		
Date specin	mens received: August 16, 2006		
The items listed below were examined in the Latent Print Operations Unit:			
Items from (USAMRIID):			
Q2071	I Glass tube "R" (1B3415, Item #324, E03801606)		
Q2072	Glass tube "PrepIII (1B3416, Item #325, E03801607)		
Q2073	Glass tube "1851" (1B3417, Item #326, E03801608)		
Q2074	Glass tube "1S1" (1B3418, Item #327, E03801609)		
Q2075	75 Glass tube "S102" (1B3419, Item #329, E03801610)		
Q2076	Glass tube "18A1 try2" (1B3420, Item #3	30, E03801611)	

Page 1 of 7

1 - 279A-WF-222936-SCI24

Q2077

For Official Use Only

Glass tube "18A1..." (1B3421, Item #331, E03801612)

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01-05-2009 BY 65179 dmh /baw

Q2078	Glass tube "Spores" (1B3422, Item #332, E03801613)				
Q2079	Glass tube "A102" (1B3423, Item #333, E03801614)				
Q2080	Glass tube "S102 try2" (1B3424, Item #334, E03801615)				
Q2081	Glass bottle "100ml" (1B3425, Item #335, E03801616)				
Q2082	Plastic tube "4" (1B3426, Item #337, E03801617)				
Q2083	Plastic tube "1 orig." (1B3427, Item #338, E03801618)				
Q2084	Plastic tube "6" (1B3428, Item #339, E03801619)				
Q2085	Plastic tube "OML" (1B3429, Item #340, E03801620)				
Q2086	Plastic tube "1" (1B3430, Item #341, E03801621)				
Q2087	Plastic tube "2 orig." (1B3431, Item #342, E03801622)				
Q2088	Plastic tube "RMX 2" (1B3432, Item #343, E03801623)				
Q2089	Plastic tube "4 orig." (1B3433, Item #344, E03801624)				
Q2090	Plastic tube "Sediment" (1B3434, Item #345, E03801625)				
Q2091	Plastic tube "6 orig." (1B3435, Item #346, E03801626)				
Q2092	Glass tube "AMES" (1B3469, Item #388, E03801659)				
Q2093	Glass tube "ANR PN02" (1B3470, Item #389, E03801660)				
Q2094	Glass tube "14S1 re-run" (1B3472, Item #391, E03801662)				
Q2095	Plastic tube "Mouse Sera" (1B3473, Item #392, E03801663)				
Q2096	Glass bottle "Stern pJPB2" (1B3474, Item #393, E03801664)				
Q2097	Plastic tube "D94-04B2" (1B3476, Item #395, E03801666)				
Page 2 of 7					
06081601 . b6					
	b7C				

Q2098	Glass tube "Immune Monkey Serum" (1B3477, Item #396, E03801667)
Q2099	Plastic tube "Sterile Normal Rabbit" (1B3478, Item #397, E03801668)
Q2100	Plastic tube "NaAc" (1B3479, Item #398, E03801669)
Q2101	Plastic tube "Sterne Spores" (1B3480, Item #399, E03801670)
Q2102	Glass tube "18S1" (1B3481, Item #400, E03801671)
Q2103	Glass tube "Stern pJB1" (1B3482, Item #401, E03801672)
Q2104	Glass tube "ANR" (1B3483, Item #402, E03801673)
Q2105	Plastic tube "ANR pJPB1" (1B3484, Item #403, E03801674)
Q2106	Glass tube "Sterne pJB2" (1B3485, Item #404, E03801675)
Q2107	Glass tube "pPA102" (1B3486, Item #405, E03801676)
` Q2108	Glass tube "ANR pPA102" (1B3487, Item #406, E03801677)
Q2109	Plastic tube "Ames Stock" (1B1873, Sample 22, E03595403)
Q2110	Plastic tube "Ames Spores" (1B1881, Sample 11, E03595395)
Q2111	Flask (1B1872, Item #1029, E03595404)
Q2112	Beaker (1B3471, Item #390, E03801661)
Q2113	Test tube rack (1B3468, Item #387, E03801658)
Q2114	Test tube rack (1B3475, Item #394, E03801665)
Q2115	Aluminum foil with tape (1B3492, Item #411, E03801682)
Q2116	Cardboard box "Nalgene" (1B3489, Item #408, E03801679)
Q2117	Cardboard box "VWR Scientific" (1B3490, Item #409, E03801680)
Page 3 of 7	•
,060816013	b6 b7c
	

Q2118	Cardboard box(1B3467, Item #386, E03801657)
Q2119	Cardboard box "Sigma" (1B3491, Item #410, E03801681)
Q2120	Cardboard box "Mikesell BA" (1B3494, Item #413, E03801684)
Q2121	Cardboard box (1B3495, Item #414, E03801685)
This repo	ort is being issued by the Latent Print Operations Unit.
Results of	of Examinations:
value are	One latent fingerprint of value was developed on Q2111, a Flask. No latent prints of present or were developed on the remaining specimens.
	The latent fingerprint is not a fingerprint of the following individuals:
	BRUCE EDWARDS IVINS, April 22, 1946;
ļ	BRUCE EDWARDS IVINS, April 22, 1946;
	BRUCE EDWARDS IVINS, April 22, 1946;
Ţ	BRUCE EDWARDS IVINS, April 22, 1946;
	BRUCE EDWARDS IVINS, April 22, 1946;
	BRUCE EDWARDS IVINS, April 22, 1946;
	BRUCE EDWARDS IVINS, April 22, 1946;
	BRUCE EDWARDS IVINS, April 22, 1946;
	BRUCE EDWARDS IVINS, April 22, 1946;

		4	
			\Box

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060816013

	Automated latent fingerprint searches were conducted, but no identification was The latent fingerprint was added to the Unsolved Latent File (ULF) and you will be y a supplemental report if an identification is made.
Remarks	: , , , , , , , , , , , , , , , , , , ,
	No fingerprints were located in our files for following individuals:
222936-S	The results of the latent print examinations conducted in Case ID number 279A-WF-CI24 will be furnished separately.
	For questions about the content of this report, please contact Fingerprint Specialist
Constitution	For questions about the status of your submission, please contact the Request
Coordinat	
Coordinat	tol
Coordinat	tol

The specimens, along with a photograph of the reported latent print, are being returned under separate cover. Latent Print Operations Unit This report contains the opinions/interpretations of the examiner(s) who issued the report. Page 7 of 7 b6 060816013 b7C For Official Use Only

b7C

U.S. Department of Justice

Federal Bureau of Investigation

In Reply, Please Refer to
File No. 279A-WF-222936-LAB-1476
279A-WF-222936-SCI24-8

Washington Field Office Northern Virginia Resident Agency 7799 Leesburg Pike Falls Church, Virginia

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January 11, 2007

Attention: Robert J. Muehlberger

Laboratory Director

U.S. Postal Inspection Service (USPIS)

National Forensic Laboratory

Dulles, Virginia

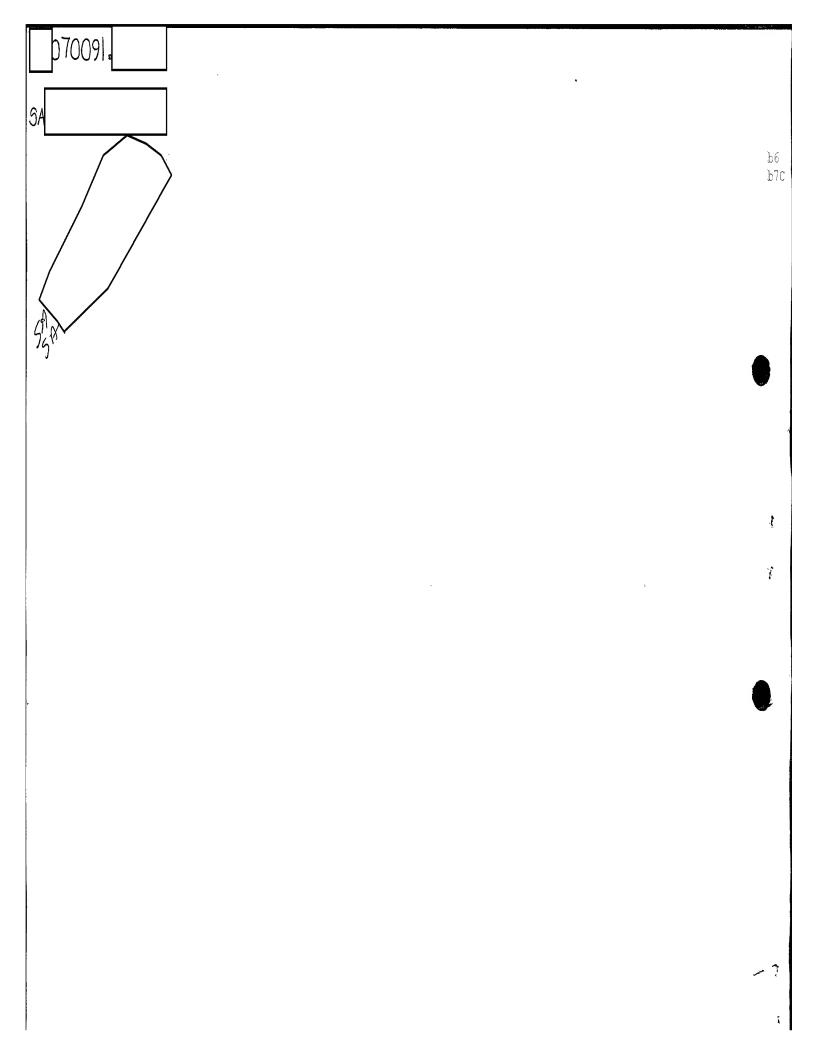
RE: To request USPIS National Forensic Laboratory conduct handwriting analysis and comparison of known handwriting exemplars of Bruce Ivins with photographs of biological sample tube labels, two (2) U.S. Postal Service (USPS) parcels, and the four recovered 2001 anthrax attack letters and envelopes

Reference: USPIS Forensic Laboratory Report, Case No. 0884-1348038-DMI(1) Lab No. 9-119-00594(6), dated 09/28/2006.

Dear Mr. Muehlberger:

Based on the previous issued report referenced above, it was determined that the same writer produced the hand printed entries depicted in the digital images of three (3) labels: one (1) with the writing "Ames Strain RMR 1029 from Dugway (1997) Bruce Ivins 2/27/02" and two (2) with the writing "Dugway Ames Spores - 1997". At the time of submission, no known handwriting exemplars were provided for comparison. Included under cover of this letter are known handwriting exemplars of Bruce Ivins. It is requested that these known writings be used for comparison to the labels described above. The exhibits, consisting of one (1) cdrom and 14 prints of the digital images appearing on the cd-rom are being re-submitted for this analysis (279A-WF-222936-1A 7059).

In addition, it is also requested that the known exemplars of Bruce Ivins be utilized for comparison to the color photographs (digital cd-rom of images also provided) of two (2)



USPS parcels. Five (5) color photographs and a cd-rom containing the images in digital format are being provided for examination.

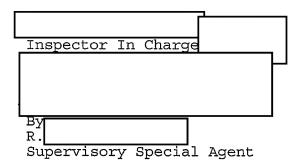
•

Lastly, although known samples of Bruce Ivins handwriting have been provided for various comparisons in the past, it is requested that these additional pages of known handwriting samples be utilized and compared to the writings on the original four (4) anthrax attack letters/envelopes.

For clarification of this request or any additional information, please contact SA

Thank you in advance for your time and assistance in this matter.

Sincerely,



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(Rev. 06-04-2007)

FEDERAL BUREAU OF INVESTIGATION

Precede	ence:	ROUTINE		1	Date:	03/11/2	800
To: La	aborato:	ry	Attn:	UC UC			CRRU CBSU
Wa	ashingt	on Field		IIC [
From:	Squ	gton Field ad AMX 2/N VPA tact: SA				·	
Approve	ed By:						
Drafte	d By:						
Case II	D #: 27	9A-WF-222936-LAB	(Pending	g)-/54	47		

b6 b7с

Title: AMERITHRAX MAJOR CASE 184

Synopsis: Request CRRU to conduct appropriate forensic examinations of submitted documents.

Reference: 279A-WF-222936-LAB Serial 1536

Enclosure(s): One (1) copy of a Cipher, with explanation for use; one (1) copy each of four the four letters and envelopes used in the 2001 anthrax mailings.

Details: Captioned matter is predicated on the anthrax mailings of 2001 to the *New York Post*, Tom Brokaw of NBC News, and U.S. Senators Tom Daschle and Patrick Leahy.

Investigation has determined that a subject of the ongoing AMERITHRAX investigation, BRUCE IVINS, was at one time in possession of a Cipher used by Kappa Kappa Gamma (KKG) to code its ritual information. KKG is a national secret sorority for collegiate women. IVINS has a self-described obsession with the organization, which has been confirmed through investigation and has lead IVINS to steal ritual information, vandalize KKG houses, and post derogatory information about the organization online. Although IVINS claims to have discarded the Cipher, he is very familiar with the document and can accurately describe the code and its application.

Additionally, recent information developed in the investigation indicates that IVINS has a significant interest in

To: Laboratory From: Washington Field

Re: 279A-WF-222936-LAB, 03/11/2008

codes. This is highlighted by the fact that he holds the book by Douglas R. Hofstadter, Godel, Escher, Bach: an Eternal Golden Braid (GEB), in high regard and has given 'his favorite' book to friends. In part GEB discusses to what extent DNA holds the universal code for life and how the DNA bases [adenine (A), guanine (G), cytosine (C), and thymine (T)] are decoded, via base triplets (codons), into proteins and cellular constituents. Along with GEB an article about the linguistics within DNA was recovered. This article focused on identifying sequences, or patterns of sequences, within DNA which could be used to identify or predict which regions within the DNA contain genes. IVINS also has communicated with Janna Levin author of the novel A Madman Dreams of Turning Machines, about mathematician Kurt Godel and cryptographer Alan Turning.

In support of the AMERITHRAX investigation, Laboratory Division, Cryptanalysis and Racketeering Records Unit (CRRU) is requested to conduct all logical analysis of the Cipher and its possible application to the letters and envelopes used in the 2001 mailings. In addition to application of the Cipher to the mailings, CRRU is also requested to consider and advise the AMERITHRAX Task Force of other possible applications of the Cipher to this crime, in light of IVINS's obsession with KKG and interest in codes. Copies of the Cipher are enclosed for use along with copies of the four letters and envelopes. At the request of KKG and with the concurrence of the AMERITHRAX Task Force, all references to KKG have been redacted from the Cipher but do not affect its application.

To: Laboratory From: Washington Field

Re: 279A-WF-222936-LAB, 03/11/2008

LEAD(s):

Set Lead 1: (Action)

LABORATORY

AT CRRU, QUANTICO, VA

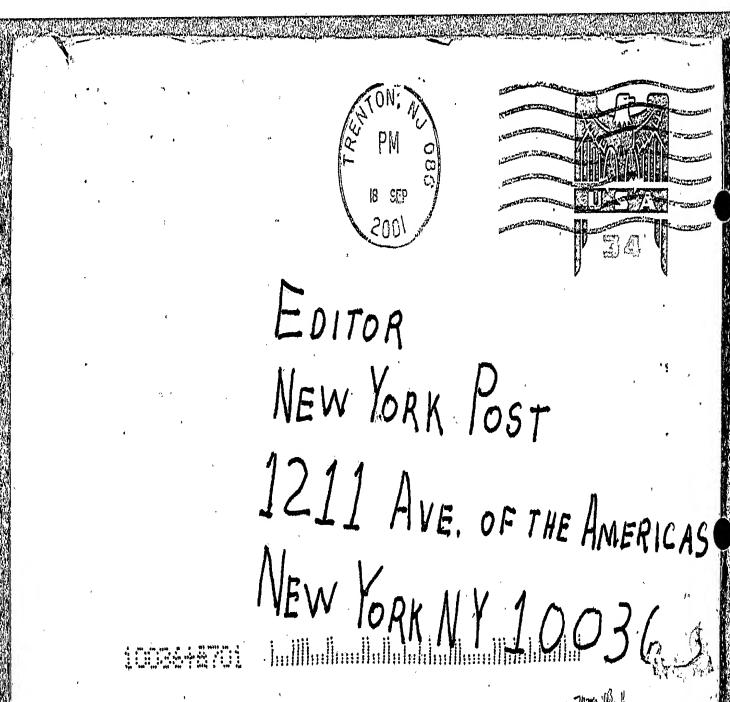
CRRU is requested to conduct all logical analysis of the Cipher and its possible application to the letters and envelopes used in the 2001 anthrax mailings. In addition to application of the Cipher to the mailings, CRRU is also requested to consider other possible applications of the Cipher to this crime, in light of IVINS's obsession with KKG.

Set Lead 2: (Info)

LABORATORY

AT CBSU, QUANTICO, VA

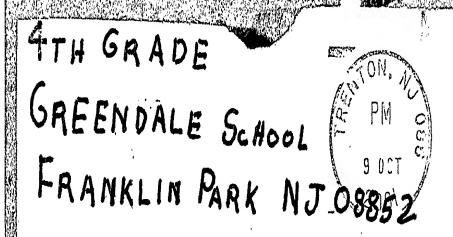
Read and clear.

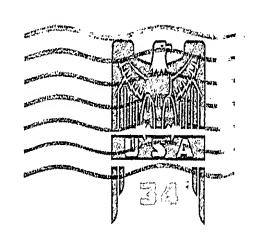


Down Of K



TOM BROKAW NBC TV 30 ROCKEFELLER PLAZA NEW YORK NY 10112

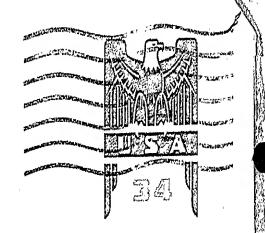




SENATOR DASCHLE 509 HART SENATE OFFICE BUILDING WASHINGTON D.C. 2054

4TH GRADE

GREBNDALE SCHOOL PM GRANKLIN PARK NJ 0.88502



SENATOR LEAHY
433 RUSSELL SENATE OFFICE
BUILDING
WASHINGTON D.C. 20510-4502

20520+4502 labillanddaddiagladdddaaddiad



09-11-01 THIS IS NEXT TAKE PENACILIN NOW DEATH TO AMERICA DEATH TO ISPAEL ALLAH IS GREAT

09-11-01

THIS IS NEXT

TAKE PENACILIN NOW

DEATH TO AMERICA

DEATH TO ISPAEL

ALLAH IS GREAT

09-11-01

You can not stop us.

WE HAVE THIS ANTHRAX.

You DIE NOW.

ARE YOU AFRAID?

DEATH TO AMERICA.

DEATH TO ISRAEL.

ALLAH IS GREAT.

09-11-01

YOU CAN NOT STOP US.

WE HAVE THIS ANTHRAX.

YOU DIE NOW.

ARE YOU AFRAID?

DEATH TO AMERICA.

DEATH TO ISRAEL.

ALLAH IS GREAT.

FEDERAL BUREAU OF INVESTIGATION FOIPA DELETED PAGE INFORMATION SHEET

No Duplication Fees are charged for Deleted Page Information Sheet(s).

Total Deleted Page(s) ~ 2 Page 54 ~ b6, b7C Page 55 ~ b6, b7C